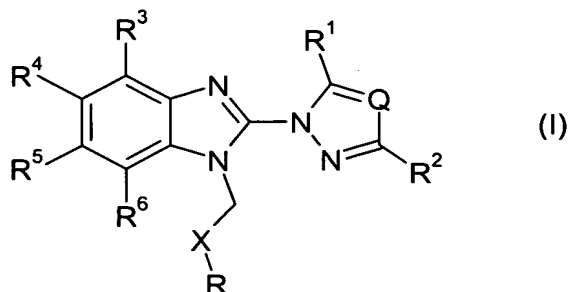


WHAT IS CLAIMED:

1 1. A compound of formula (I)

2



3

4 wherein

5 R represents aryl or heteroaryl optionally substituted by up to four substituents
6 independently selected from

7 alkyl, cycloalkyl, cycloalkyl-lower alkyl, halo-lower alkyl, hydroxy-lower alkyl, lower
8 alkoxy-lower alkyl, lower alkoxy-lower alkoxy-lower alkyl, halo-lower alkoxy-lower
9 alkyl, acyloxy-lower alkyl, heterocyclyl, heterocyclyl-lower alkyl, optionally substituted
10 phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl,
11 optionally substituted heteroaryl-lower alkyl, optionally substituted alkenyl, optionally
12 substituted alkynyl,

13 hydroxy, lower alkoxy, optionally substituted alkenyloxy, optionally substituted
14 alkynyloxy, cycloalkoxy, halo-lower alkoxy, cycloalkyl-lower alkoxy, hydroxy-lower
15 alkoxy, lower alkoxy-lower alkoxy, heterocycliloxy, heterocyclyl-lower alkoxy,
16 optionally substituted phenyloxy, optionally substituted phenyl-lower alkoxy,
17 optionally substituted heteroaryloxy, optionally substituted heteroaryl-lower alkoxy,
18 sulfamoyloxy, carbamoyloxy, lower alkylcarbonyloxy,

19 amino, monoalkylamino, dialkylamino, aminocarbonylamino wherein each of the two
20 amino groups is optionally substituted by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl,
21 heterocyclylcarbonylamino wherein heterocyclyl is bound *via* a nitrogen atom,
22 aminosulfonylamino wherein each of the two amino groups is optionally substituted
23 by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylsulfonylamino wherein

24 heterocyclyl is bound *via* a nitrogen atom, lower alkoxycarbonylamino, lower
 25 alkylcarbonylamino wherein alkyl is optionally substituted by one or two substituents
 26 selected from optionally substituted phenyl, guanidyl, halogen, cyano, alkoxy,
 27 optionally substituted phenoxy, alkylmercapto and optionally substituted amino;
 28 lower alkenylcarbonylamino wherein alkenyl is optionally substituted by one or two
 29 substituents selected from lower alkyl, halo-lower alkyl, optionally substituted phenyl,
 30 halogen, cyano, alkoxy and optionally substituted amino; amino-lower alkyl or amino-
 31 lower alkylamino, wherein the nitrogen atom is unsubstituted or substituted by one or
 32 two substituents selected from lower alkyl, cycloalkyl, cycloalkyl-lower alkyl,
 33 hydroxy-lower alkyl, lower alkoxy-lower alkyl, optionally substituted phenyl, optionally
 34 substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted
 35 heteroaryl-lower alkyl and lower alkylcarbonyl, or wherein the two substituents on
 36 nitrogen form together with the nitrogen heterocyclyl,

 37 lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl,
 38 optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl,

 39 carboxy, lower alkoxycarbonyl, hydroxy-lower alkoxycarbonyl, lower alkoxy-lower
 40 alkoxycarbonyl, optionally substituted phenyl-lower alkoxycarbonyl, cyano,

 41 lower alkylmercapto, optionally substituted phenylmercapto, lower alkylsulfinyl, halo-
 42 lower alkylsulfinyl, optionally substituted phenylsulfinyl, lower alkylsulfonyl, halo-
 43 lower alkylsulfonyl, optionally substituted phenylsulfonyl, aralkylsulfonyl, halogen,
 44 and nitro;

 45 and wherein two adjacent substituents together with the atoms of aryl or
 46 heteroaryl may form a 5 or 6 membered carbocyclic or heterocyclic ring;

 47 X represents a bond; oxygen; a group C=Y, wherein Y stands for oxygen,
 48 nitrogen substituted by hydroxy, alkoxy or optionally substituted amino; a group –
 49 CH=CH–(C=O)_n– or –(C=O)_n–CH=CH– wherein n is 0 or 1; or a group CR⁷R⁸;

 50 Q represents N or CR⁹;

 51 R¹ represents a group NR¹⁰R¹¹ or OR¹²;

 52 R² represents hydrogen, lower alkyl or amino;

53 R^3 , R^4 , R^5 and R^6 , independently of each other, represent hydrogen, lower
 54 alkyl, halo-lower alkyl, cyano-lower alkyl, carboxy-lower alkyl, cycloalkyl, cycloalkyl-
 55 lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, lower alkoxy-lower alkoxy-
 56 lower alkyl, halo-lower alkoxy-lower alkyl, heterocyclyl, heterocyclyl-lower alkyl,
 57 optionally substituted phenyl, optionally substituted phenyl-lower alkyl, optionally
 58 substituted heteroaryl, optionally substituted heteroaryl-lower alkyl, optionally
 59 substituted alkenyl, optionally substituted alkynyl,

 60 hydroxy, lower alkoxy, halo-lower alkoxy, cycloalkoxy, cycloalkyl-lower alkoxy,
 61 hydroxy-lower alkoxy, lower alkoxy-lower alkoxy, heterocyclyoxy, heterocyclyl-lower
 62 alkoxy, optionally substituted phenyloxy, optionally substituted phenyl-lower alkoxy,
 63 optionally substituted heteroaryloxy, optionally substituted heteroaryl-lower alkoxy,

 64 amino, carbamoyl, sulfamoyl, amino-lower alkyl or amino-lower alkylamino, wherein
 65 in each case the nitrogen atom is unsubstituted or substituted by one or two
 66 substituents selected from lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, hydroxy-
 67 lower alkyl, lower alkoxy-lower alkyl, optionally substituted phenyl, optionally
 68 substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted
 69 heteroaryl-lower alkyl and lower alkylcarbonyl, or wherein the two substituents on
 70 nitrogen form together with the nitrogen heterocyclyl,

 71 lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl,
 72 optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl,

 73 carboxy, lower alkoxycarbonyl, hydroxy-lower alkoxycarbonyl, lower alkoxy-lower
 74 alkoxycarbonyl, optionally substituted phenyl-lower alkoxycarbonyl, cyano,

 75 lower alkylmercapto, optionally substituted phenylmercapto, lower alkylsulfinyl, halo-
 76 lower alkylsulfinyl, optionally substituted phenylsulfinyl, lower alkylsulfonyl, halo-
 77 lower alkylsulfonyl, optionally substituted phenylsulfonyl, aralkylsulfonyl, halogen, or
 78 nitro,

 79 or R^3 and R^4 , R^4 and R^5 , or R^5 and R^6 together with the atoms of the phenyl
 80 ring form a 5 or 6 membered carbocyclic or heterocyclic ring;

 81 R^7 represents hydrogen, lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, lower
 82 alkenyl, lower alkynyl, optionally substituted phenyl, lower alkoxy, lower alkenyloxy,

83 lower alkenyloxy;

84 R^8 represents hydrogen, lower alkyl, hydroxy, lower alkoxy or lower
85 alkenyloxy, or

86 R^7 and R^8 together with the carbon they are bound to form a 5 or 6 membered
87 carbocyclic or heterocyclic ring;

88 R^9 represents hydrogen, lower alkyl or amino;

89 R^{10} and R^{11} , independently of each other, represent hydrogen, alkyl,
90 cycloalkyl, cycloalkyl-alkyl, optionally substituted arylalkyl, optionally substituted
91 heteroarylalkyl, hydroxyalkyl, alkoxyalkyl, hydroxyalkoxyalkyl, alkoxyalkoxyalkyl,
92 cyanoalkyl, carboxyalkyl, optionally substituted alkenyl, optionally substituted alkynyl,
93 or lower alkylcarbonyl wherein lower alkyl is optionally substituted by one or two
94 substituents selected from aryl, optionally substituted amino, alkoxy and aryloxy;

95 or R^{10} and R^{11} together with the atom they are bound to form heterocyclyl;

96 R^{12} is hydrogen, lower alkyl, acyl or aminocarbonyl wherein amino is
97 unsubstituted or substituted by lower alkyl;

98 tautomers and salts thereof.

1 2. The compound of formula (I) according to claim 1 wherein

2 R represents aryl or heteroaryl optionally substituted by up to four substituents
3 independently selected from

4 alkyl, cycloalkyl, cycloalkyl-lower alkyl, halo-lower alkyl, hydroxy-lower alkyl, lower
5 alkoxy-lower alkyl, lower alkoxy-lower alkoxy-lower alkyl, halo-lower alkoxy-lower
6 alkyl, acyloxy-lower alkyl, heterocyclyl, heterocyclyl-lower alkyl, optionally substituted
7 phenyl, optionally substituted phenyl-lower alkyl, optionally substituted heteroaryl,
8 optionally substituted heteroaryl-lower alkyl, optionally substituted alkenyl, optionally
9 substituted alkynyl,

10 hydroxy, lower alkoxy, optionally substituted alkenyloxy, optionally substituted
11 alkenyloxy, cycloalkoxy, halo-lower alkoxy, cycloalkyl-lower alkoxy, hydroxy-lower
12 alkoxy, lower alkoxy-lower alkoxy, heterocycliloxy, heterocyclyl-lower alkoxy,

13 optionally substituted phenyloxy, optionally substituted phenyl-lower alkoxy,
 14 optionally substituted heteroaryloxy, optionally substituted heteroaryl-lower alkoxy,
 15 sulfamoyloxy, carbamoyloxy, lower alkylcarbonyloxy,
 16 amino, monoalkylamino, dialkylamino, aminocarbonylamino wherein each of the two
 17 amino groups is optionally substituted by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl,
 18 heterocyclylcarbonylamino wherein heterocyclyl is bound via a nitrogen atom,
 19 aminosulfonylamino wherein each of the two amino groups is optionally substituted
 20 by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylsulfonylamino wherein
 21 heterocyclyl is bound via a nitrogen atom, lower alkoxycarbonylamino, lower
 22 alkylcarbonylamino wherein alkyl is optionally substituted by one or two substituents
 23 selected from optionally substituted phenyl, guanidyl, halogen, cyano, alkoxy,
 24 optionally substituted phenoxy, alkylmercapto and optionally substituted amino;
 25 lower alkenylcarbonylamino wherein alkenyl is optionally substituted by one or two
 26 substituents selected from lower alkyl, halo-lower alkyl, optionally substituted phenyl,
 27 halogen, cyano, alkoxy and optionally substituted amino; amino-lower alkyl or amino-
 28 lower alkylamino, wherein the nitrogen atom is unsubstituted or substituted by one or
 29 two substituents selected from lower alkyl, cycloalkyl, cycloalkyl-lower alkyl,
 30 hydroxy-lower alkyl, lower alkoxy-lower alkyl, optionally substituted phenyl, optionally
 31 substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted
 32 heteroaryl-lower alkyl and lower alkylcarbonyl, or wherein the two substituents on
 33 nitrogen form together with the nitrogen heterocyclyl,
 34 lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl,
 35 optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl,
 36 carboxy, lower alkoxycarbonyl, hydroxy-lower alkoxycarbonyl, lower alkoxy-lower
 37 alkoxycarbonyl, optionally substituted phenyl-lower alkoxycarbonyl, cyano,
 38 lower alkylmercapto, optionally substituted phenylmercapto, lower alkylsulfinyl, halo-
 39 lower alkylsulfinyl, optionally substituted phenylsulfinyl, lower alkylsulfonyl, halo-
 40 lower alkylsulfonyl, optionally substituted phenylsulfonyl, aralkylsulfonyl, halogen,
 41 and nitro;
 42 and wherein two adjacent substituents together with the atoms of aryl or
 43 heteroaryl may form a 5 or 6 membered carbocyclic or heterocyclic ring;

44 X represents a bond; oxygen; a group C=Y, wherein Y stands for oxygen,
 45 nitrogen substituted by hydroxy, alkoxy or optionally substituted amino; a group –
 46 CH=CH-(C=O)_n– or –(C=O)_n–CH=CH– wherein n is 0 or 1; or a group CR⁷R⁸;
 47 Q represents N or CR⁹;
 48 R¹ represents a group NR¹⁰R¹¹ or OR¹²;
 49 R² represents hydrogen, lower alkyl or amino;
 50 R³, R⁴, R⁵ and R⁶, independently of each other, represent hydrogen, lower
 51 alkyl, halo-lower alkyl, cyano-lower alkyl, carboxy-lower alkyl, cycloalkyl, cycloalkyl-
 52 lower alkyl, hydroxy-lower alkyl, lower alkoxy-lower alkyl, lower alkoxy-lower alkoxy-
 53 lower alkyl, halo-lower alkoxy-lower alkyl, heterocyclyl, heterocyclyl-lower alkyl,
 54 optionally substituted phenyl, optionally substituted phenyl-lower alkyl, optionally
 55 substituted heteroaryl, optionally substituted heteroaryl-lower alkyl, optionally
 56 substituted alkenyl, optionally substituted alkynyl,
 57 hydroxy, lower alkoxy, halo-lower alkoxy, cycloalkoxy, cycloalkyl-lower alkoxy,
 58 hydroxy-lower alkoxy, lower alkoxy-lower alkoxy, heterocyclyloxy, heterocyclyl-lower
 59 alkoxy, optionally substituted phenyloxy, optionally substituted phenyl-lower alkoxy,
 60 optionally substituted heteroaryloxy, optionally substituted heteroaryl-lower alkoxy,
 61 amino, carbamoyl, sulfamoyl, amino-lower alkyl or amino-lower alkylamino, wherein
 62 in each case the nitrogen atom is unsubstituted or substituted by one or two
 63 substituents selected from lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, hydroxy-
 64 lower alkyl, lower alkoxy-lower alkyl, optionally substituted phenyl, optionally
 65 substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted
 66 heteroaryl-lower alkyl and lower alkylcarbonyl, or wherein the two substituents on
 67 nitrogen form together with the nitrogen heterocyclyl,
 68 lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl,
 69 optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl,
 70 carboxy, lower alkoxycarbonyl, hydroxy-lower alkoxycarbonyl, lower alkoxy-lower
 71 alkoxycarbonyl, optionally substituted phenyl-lower alkoxycarbonyl, cyano,
 72 lower alkylmercapto, optionally substituted phenylmercapto, lower alkylsulfinyl, halo-

73 lower alkylsulfinyl, optionally substituted phenylsulfinyl, lower alkylsulfonyl, halo-
74 lower alkylsulfonyl, optionally substituted phenylsulfonyl, aralkylsulfonyl, halogen, or
75 nitro,

76 or R³ and R⁴, R⁴ and R⁵, or R⁵ and R⁶ together with the atoms of the phenyl
77 ring form a 5 or 6 membered carbocyclic or heterocyclic ring;

78 and pharmaceutically acceptable salts thereof; for use as medicaments.

79 R⁷ represents hydrogen, lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, lower
80 alkenyl, lower alkynyl, optionally substituted phenyl, lower alkoxy, lower alkenyloxy,
81 lower alkynyloxy;

82 R⁸ represents hydrogen, lower alkyl, hydroxy, lower alkoxy or lower
83 alkenyloxy, or

84 R⁷ and R⁸ together with the carbon they are bound to form a 5 or 6 membered
85 carbocyclic or heterocyclic ring;

86 R⁹ represents hydrogen, lower alkyl or amino;

87 R¹⁰ and R¹¹, independently of each other, represent hydrogen, alkyl,
88 cycloalkyl, cycloalkyl-alkyl, optionally substituted arylalkyl, optionally substituted
89 heteroarylalkyl, hydroxyalkyl, alkoxyalkyl, hydroxyalkoxyalkyl, alkoxyalkoxyalkyl,
90 cyanoalkyl, carboxyalkyl, optionally substituted alkenyl, optionally substituted alkynyl,
91 or lower alkylcarbonyl wherein lower alkyl is optionally substituted by one or two
92 substituents selected from aryl, optionally substituted amino, alkoxy and aryloxy;

93 or R¹⁰ and R¹¹ together with the atom they are bound to form heterocyclyl;

94 R¹² is hydrogen or lower alkyl;

95 tautomers and salts thereof.

1 3. The compound of formula (I) according to claim 1 wherein

2 R represents phenyl, naphthyl, thienyl, furyl, thiazolyl, oxadiazolyl, thiadiazolyl,
3 imidazolyl, pyrazolyl, pyridinyl, pyrimidinyl, benzothienyl, benzofuryl, indolyl,
4 benzisoxazolyl, each optionally substituted by up to four substituents independently

5 selected from

6 alkyl, cycloalkyl, cycloalkyl-lower alkyl, halo-lower alkyl, hydroxy-lower alkyl,
7 lower alkoxy-lower alkyl, lower alkoxy-lower alkoxy-lower alkyl, halo-lower alkoxy-
8 lower alkyl, acyloxy-lower alkyl, heterocyclyl, heterocyclyl-lower alkyl, optionally
9 substituted phenyl, optionally substituted phenyl-lower alkyl, optionally substituted
10 heteroaryl, optionally substituted heteroaryl-lower alkyl, optionally substituted
11 alkenyl, optionally substituted alkynyl,

12 hydroxy, lower alkoxy, optionally substituted alkenyloxy, optionally substituted
13 alkynyloxy, cycloalkoxy, halo-lower alkoxy, cycloalkyl-lower alkoxy, hydroxy-lower
14 alkoxy, lower alkoxy-lower alkoxy, heterocyclyloxy, heterocyclyl-lower alkoxy,
15 optionally substituted phenyloxy, optionally substituted phenyl-lower alkoxy,
16 optionally substituted heteroaryloxy, optionally substituted heteroaryl-lower alkoxy,
17 sulfamoyloxy, carbamoyloxy, lower alkylcarbonyloxy,

18 amino, monoalkylamino, dialkylamino, aminocarbonylamino wherein each of the two
19 amino groups is optionally substituted by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl,
20 heterocyclylcarbonylamino wherein heterocyclyl is bound via a nitrogen atom,
21 aminosulfonylamino wherein each of the two amino groups is optionally substituted
22 by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylsulfonylamino wherein
23 heterocyclyl is bound via a nitrogen atom, lower alkoxycarbonylamino, lower
24 alkylcarbonylamino wherein alkyl is optionally substituted by one or two substituents
25 selected from optionally substituted phenyl, guanidyl, halogen, cyano, alkoxy,
26 optionally substituted phenoxy, alkylmercapto and optionally substituted amino;
27 lower alkenylcarbonylamino wherein alkenyl is optionally substituted by one or two
28 substituents selected from lower alkyl, halo-lower alkyl, optionally substituted phenyl,
29 halogen, cyano, alkoxy and optionally substituted amino; amino-lower alkyl or amino-
30 lower alkylamino, wherein the nitrogen atom is unsubstituted or substituted by one or
31 two substituents selected from lower alkyl, cycloalkyl, cycloalkyl-lower alkyl,
32 hydroxy-lower alkyl, lower alkoxy-lower alkyl, optionally substituted phenyl, optionally
33 substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted
34 heteroaryl-lower alkyl and lower alkylcarbonyl, or wherein the two substituents on
35 nitrogen form together with the nitrogen heterocyclyl,

36 lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl,
 37 optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl,
 38 lower alkylsulfinyl, halo-lower alkylsulfinyl, lower alkylsulfonyl, halo-lower
 39 alkylsulfonyl, halogen, and nitro;
 40 and wherein two adjacent substituents together with the atoms of aryl or
 41 heteroaryl may form a 5 or 6 membered carbocyclic or heterocyclic ring;
 42 X represents oxygen; a group C=Y, wherein Y stands for oxygen, nitrogen
 43 substituted by hydroxy, alkoxy or optionally substituted amino; or a group –CH=CH–
 44 (C=O)_n– or
 45 –(C=O)_n–CH=CH– wherein n is 0 or 1;
 46 Q represents N or CR⁹;
 47 R¹ represents a group NR¹⁰R¹¹ or OR¹²;
 48 R² represents hydrogen, lower alkyl or amino;
 49 R³, R⁴, R⁵ and R⁶, independently of each other, represent hydrogen, lower
 50 alkyl, halo-lower alkyl, cyano-lower alkyl, carboxy-lower alkyl, hydroxy, lower alkoxy,
 51 halo-lower alkoxy, cycloalkoxy, cycloalkyl-lower alkoxy, hydroxy-lower alkoxy, lower
 52 alkoxy-lower alkoxy, heterocyclyloxy, heterocyclyl-lower alkoxy, optionally
 53 substituted phenyloxy, optionally substituted phenyl-lower alkoxy, optionally
 54 substituted heteroaryloxy, optionally substituted heteroaryl-lower alkoxy,
 55 amino, carbamoyl, sulfamoyl, amino-lower alkyl or amino-lower alkylamino, wherein
 56 in each case the nitrogen atom is unsubstituted or substituted by one or two
 57 substituents selected from lower alkyl, cycloalkyl, cycloalkyl-lower alkyl, hydroxy-
 58 lower alkyl, lower alkoxy-lower alkyl, optionally substituted phenyl, optionally
 59 substituted phenyl-lower alkyl, optionally substituted heteroaryl, optionally substituted
 60 heteroaryl-lower alkyl and lower alkylcarbonyl, or wherein the two substituents on
 61 nitrogen form together with the nitrogen heterocyclyl,
 62 lower alkylcarbonyl, cycloalkylcarbonyl, optionally substituted phenylcarbonyl,
 63 optionally substituted heteroarylcarbonyl, heterocyclylcarbonyl,

64 carboxy, lower alkoxy-carbonyl, hydroxy-lower alkoxy-carbonyl, lower alkoxy-lower
65 alkoxy-carbonyl, optionally substituted phenyl-lower alkoxy-carbonyl, cyano,
66 lower alkylsulfinyl, halo-lower alkylsulfinyl, lower alkylsulfonyl, halo-lower
67 alkylsulfonyl, halogen, or nitro;
68 or R³ and R⁴, R⁴ and R⁵, or R⁵ and R⁶ together represent methylenedioxy;
69 R⁹ represents hydrogen;
70 R¹⁰ and R¹¹, independently of each other, represent hydrogen, alkyl,
71 cycloalkyl, cycloalkyl-alkyl, optionally substituted arylalkyl, optionally substituted
72 heteroarylalkyl, hydroxyalkyl, alkoxyalkyl, hydroxyalkoxyalkyl, alkoxyalkoxyalkyl,
73 cyanoalkyl, carboxyalkyl, optionally substituted alkenyl, optionally substituted alkynyl,
74 or lower alkylcarbonyl wherein lower alkyl is optionally substituted by one or two
75 substituents selected from aryl, optionally substituted amino, alkoxy and aryloxy;
76 or R¹⁰ and R¹¹ together with the atom they are bound to form heterocyclyl;
77 R¹² is hydrogen;
78 tautomers and pharmaceutically acceptable salts thereof.

1 4. The compound of formula (I) according to claim 1 wherein

2 R represents phenyl, naphthyl, thienyl, furyl, thiazolyl, oxadiazolyl, thiadiazolyl,
3 imidazolyl, pyrazolyl, pyridinyl, pyrimidinyl, benzothienyl, benzofuryl, indolyl,
4 benzisoxazolyl, optionally substituted by up to four substituents independently
5 selected from

6 alkyl, halo-lower alkyl, phenyl, optionally substituted heteroaryl, lower alkoxy,
7 optionally substituted alkenyloxy, optionally substituted alkynyloxy, lower alkoxy-lower
8 alkoxy,

9 amino, monoalkylamino, dialkylamino, aminocarbonylamino wherein each of
10 the two amino groups is optionally substituted by alkyl, alkenyl, alkynyl or alkoxy-
11 lower alkyl, heterocyclylcarbonylamino wherein heterocyclyl is bound via a nitrogen
12 atom, aminosulfonylamino wherein each of the two amino groups is optionally
13 substituted by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl, heterocyclylsulfonylamino

14 wherein heterocyclyl is bound via a nitrogen atom, lower alkoxycarbonylamino, lower
15 alkylcarbonylamino wherein alkyl is optionally substituted by alkoxy or optionally
16 substituted amino; lower alkenylcarbonylamino wherein alkenyl is optionally
17 substituted by alkoxy or optionally substituted amino; lower alkylsulfinyl, halo-lower
18 alkylsulfinyl, lower alkylsulfonyl, halo-lower alkylsulfonyl and halogen;

19 and wherein two adjacent substituents together with the atoms of aryl or
20 heteroaryl may form a 5 or 6 membered carbocyclic or heterocyclic ring;

21 X represents oxygen or a group C=Y, wherein Y stands for oxygen;

22 Q represents N or CR⁹;

23 R¹ represents a group NR¹⁰R¹¹ or OR¹²;

24 R² represents hydrogen, lower alkyl or amino;

25 R³, R⁴, R⁵ and R⁶, independently of each other, represent hydrogen, lower
26 alkyl, halo-lower alkyl, cyano-lower alkyl, carboxy-lower alkyl, hydroxy, lower alkoxy,
27 carboxy, lower alkoxycarbonyl, cyano or halogen;

28 R⁹ represents hydrogen;

29 R¹⁰ and R¹¹, independently of each other, represent hydrogen, cyano-lower
30 alkyl, carboxy-lower alkyl or lower alkylcarbonyl;

31 R¹² is hydrogen;

32 tautomers and pharmaceutically acceptable salts thereof.

1 5. The compound of formula (I) according to claim 1 wherein

2 R represents phenyl, pyridinyl or pyrimidinyl, each optionally substituted by up
3 to four substituents independently selected from alkyl, optionally substituted
4 heteroaryl, lower alkoxy, optionally substituted alkenyloxy, lower alkoxy-lower alkoxy,
5 amino, monoalkylamino, dialkylamino, aminocarbonylamino wherein each of the two
6 amino groups is optionally substituted by alkyl, alkenyl, alkynyl or alkoxy-lower alkyl,
7 heterocyclylcarbonylamino wherein heterocyclyl is bound *via* a nitrogen atom; lower
8 alkylsulfinyl, halo-lower alkylsulfinyl, lower alkylsulfonyl, halo-lower alkylsulfonyl and

9 halogen; and wherein two adjacent substituents together with the atoms of aryl or
 10 heteroaryl may form a 5 or 6 membered carbocyclic or heterocyclic ring;

11 X represents oxygen or a group C=Y, wherein Y stands for oxygen;

12 Q represents N or CR⁹;

13 R¹ represents a group NR¹⁰R¹¹;

14 R² represents hydrogen;

15 R³, R⁴, R⁵ and R⁶, independently of each other, represent hydrogen, lower
 16 alkyl, halo-lower alkyl, hydroxy, lower alkoxy, carboxy, lower alkoxycarbonyl, cyano
 17 or halogen;

18 R⁹ represents hydrogen;

19 R¹⁰ represents hydrogen, hydroxy-lower alkyl, cyano-lower alkyl or lower
 20 alkylcarbonyl;

21 R¹¹ represents hydrogen;

22 tautomers and pharmaceutically acceptable salts thereof.

1 6. A compound of formula (I) according to claim 1 wherein

2 R represents 3,4-dimethylphenyl, 4-methoxyphenyl, 4-chlorophenyl, 4-
 3 aminophenyl, 3-amino-4-chlorophenyl or 2-amino-5-pyridyl;

4 X represents a group C=Y, wherein Y stands for oxygen;

5 Q represents N;

6 R¹ represents a group NR¹⁰R¹¹;

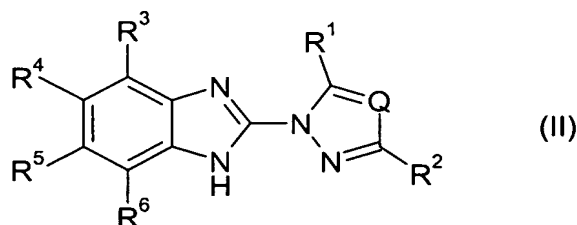
7 R², R³, R⁴, R⁵ and R⁶ represent hydrogen;

8 R¹⁰ represents hydrogen or cyanoethyl;

9 R¹¹ represents hydrogen;

10 tautomers and pharmaceutically acceptable salts thereof.

- 1 7. A compound of formula (I) according to claim 1 wherein
 - 2 R represents 3,4-dimethylphenyl, 4-methoxyphenyl or 4-chlorophenyl;
 - 3 X represents a group C=Y, wherein Y stands for oxygen;
 - 4 Q represents CR⁹;
 - 5 R¹ represents a group NR¹⁰R¹¹;
 - 6 R², R³, R⁴, R⁵, R⁶, R⁹, R¹⁰ and R¹¹ represent hydrogen;
 - 7 tautomers and pharmaceutically acceptable salts thereof.
- 1 8. A compound of formula (I) according to claim 1 for use as a medicament.
 - 1 9. A method for the preparation of a compound of formula (I) according to claim
 - 2 1, wherein a compound of formula (II)



wherein R¹, R², R³, R⁴, R⁵ and R⁶ are defined as for formula (I), or a derivative thereof with functional groups in protected form and/or a salt thereof, is alkylated with a halide of the formula (III)



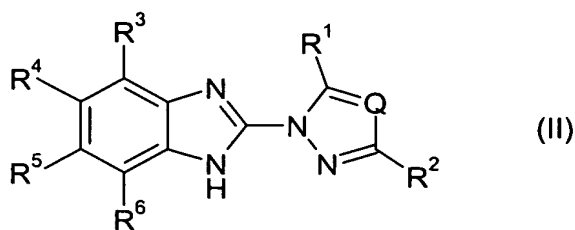
wherein R is as defined for formula (I) and Z is a nucleophilic leaving group;

any protecting groups in a protected derivative of a compound of the formula (I) are removed;

and, if so desired, an obtainable compound of formula (I) is converted into another compound of formula (I), a free compound of formula (I) is converted into a salt, an obtainable salt of a compound of formula (I) is converted into the free compound or another salt, and/or a mixture of isomeric compounds of formula (I) is

15 separated into the individual isomers.

1 10. A compound of formula (II)



2

3 wherein

4 Q represents CR⁹;

5 R¹ represents a group NR¹⁰R¹¹;

6 R², R³, R⁴, R⁵ and R⁶ represent hydrogen;

7 R⁹, R¹⁰ and R¹¹ represent hydrogen;

8 tautomers and salts thereof.

1 11. A pharmaceutical composition comprising a compound of formula (I)

2 according to claim 1 and a pharmaceutically acceptable carrier.

1 12. Use a compound of formula (I) according to claim 1, a prodrug or a

2 pharmaceutically acceptable salt of such a compound for the preparation of a

3 pharmaceutical composition for the treatment of a neoplastic disease, autoimmune

4 disease, transplantation related pathology and/or degenerative disease.

1 13. A method of treatment of a neoplastic disease, autoimmune disease,

2 transplantation related pathology and/or degenerative disease, which comprises

3 administering a compound of formula (I) according to claim 1, a prodrug or a

4 pharmaceutically acceptable salt of such a compound, in a quantity effective against

5 said disease, to a warm-blooded animal requiring such treatment.